

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning on p.1, line 21, with the following rewritten paragraph:

-- Researchers have attempted to develop technologies for enhancing the transport of chemical compounds across organismal barriers. For instance, Ryser et al. discusses the use of high molecular weight lysine polymers for increasing the transport of various molecules across cellular membranes. *See*, Ryser, H.J.P., PCT Pub. No. WO 79/00515 (1979). Frankel et al. reports the conjugation of selected molecules to HIV tat protein, which increased cellular uptake of the molecules. *See*, Frankel *et al.*, PCT Pub. No. WO 91/09958 (1991). Barsoum discusses the use of the HIV tat sequence RKKRRQRRR (SEQ ID NO:1) in enhancing cellular membrane transport. *See*, Barsoum *et al.*, PCT Pub. No. WO 94/04686 (1994). Brugidou et al. report the rapid internalization of a 16 amino acid peptide-cholesterol conjugate derived from the Antennapedia homeodomain by cultured neurons. *See*, Brugidou, J., *et al. Biochem. Biophys. Res. Comm.* 214(2):685-693 (1995).--

Please replace paragraph beginning on page 23, line 26, with the following rewritten paragraph:

-- Table 1

Sequence	Seq. I.D. No.
Fl-aca-R7CONH ₂	<u>2</u>
Fl-aca-R10CONH ₂	<u>3</u>
Fl-aca-RGRRGRRGRR-CONH ₂	<u>4</u>
Fl-aca-RabuRRabuRRabuRR-CONH ₂	<u>5</u>
Fl-aca-RacaRRacaRRacaRR-CONH ₂	<u>6</u>
Fl-aca-RARRARRARR-CONH ₂	<u>7</u>
Fl-aca-RDRRDRRDRR-CONH ₂	<u>8</u>
Fl-aca-RERRERRERR-CONH ₂	<u>9</u>
Fl-aca-RFRRFRRFRR-CONH ₂	<u>10</u>
Fl-aca-RHRRHRRHRR-CONH ₂	<u>11</u>
Fl-aca-RIRRIIRRIIR-CONH ₂	<u>12</u>

Fl-aca-RKRRKRRKRR-CONH ₂	<u>13</u>
Fl-aca-RLRRLRRLRR-CONH ₂	<u>14</u>
Fl-aca-RMRRMRRMRR-CONH ₂	<u>15</u>
Fl-aca-RNRRNRRNRR-CONH ₂	<u>16</u>
Fl-aca-RPRRPRRPRR-CONH ₂	<u>17</u>
Fl-aca-RQRRQRRQRR-CONH ₂	<u>18</u>
Fl-aca-RSRRSRRSRR-CONH ₂	<u>19</u>
Fl-aca-RTRRTRRTRR-CONH ₂	<u>20</u>
Fl-aca-RVRRVRRVRR-CONH ₂	<u>21</u>
Fl-aca-RYRRYRRYRR-CONH ₂	<u>22</u>
Fl-aca-(Raca) ₄ R-CONH ₂	<u>23</u>
Fl-aca-(Raca) ₅ R-CONH ₂	<u>24</u>
Fl-aca-(Raca) ₆ R-CONH ₂	<u>25</u>
Fl-aca-(RGG) ₆ R-CONH ₂	<u>26</u>
Fl-aca-(RG) ₆ R-CONH ₂	<u>27</u>
r13	<u>28</u>
r19	<u>29</u>
Fl-aca-(RGGG) ₆ R-CONH ₂	<u>30</u>

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